Panasonic
ideas for life

PLASMA TELEVISION

TH-42PV30A

106 cm Plasma Television with
High Definition Monitor Inputs*
(1080i/576P)

This Plasma TV is displayed on the optional Video Cabinet Stand TY-S42PX20W

VIERA

Main Features

- **Image Quality for the Digital Age**
  New Real Black Drive System & HD Monitor Inputs* (1080i/576P)
- **Expansive, Cinematic-Type Sound**
  Smart Sound Speaker System
- **Easy Playback of Digital Snapshots**
  SD/PC Card Slots
- **Elegant Flowing Design**
  Aero Floating Silhouette

*When connected to a HD Digital Receiver

TH-42PV30A PLASMA TELEVISION

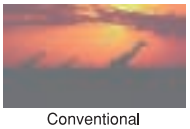
VIERA

VIERA PICTURE

Technology for the Deepest, Richest Black Reproduction

New Real Black Drive System

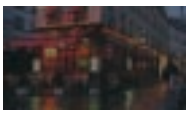
By reducing the pre-discharge emission when reproducing black, the New Real Black Drive System provides deeper, richer blacks and a stunning 3000:1 contrast. The result is dramatically enhanced image clarity and realism.


Conventional

New Real Black Drive System

Superior Detail in Dark Scenes - Super Real Gamma System

The Super Real Gamma System provides the optimal number of sub-fields for each scene. This allows Panasonic plasma TVs to reproduce 1,024 shades of gradation for superior detail in dark scenes.


Conventional

Super Real Gamma System

Technology for Natural Image Reproduction with Superior Detail

Clear, Noise-Free Images - Full-Digital Processor

At VIERA's core is a newly developed, full-digital signal processor that provides ultra-precise processing of all video signals, at every stage of the image reproduction process, from input all the way through to display output. This reliable, ultra-speed, full-digital processor reproduces clear, vivid images from both digital and analogue sources by minimising the possibility of subtle reproduction errors or signal dropout.

Bright, Sharp, High-Definition Images - HD (High-Definition) Panel with Bounded Cell Structure

With the PV30 series, you're ready to enjoy the absolutely stunning image quality that high-definition media offers. The HD panel, can clearly, sharply and vividly reproduce even the tiniest details from high-definition signals or other high-image-quality sources. The HD panel features a bounded cell structure in which wall-like ribs are used to wrap each individual cell. By increasing the area in which the phosphor can be applied, this dramatically improves both light-emitting efficiency and intensity, resulting in images of superior brightness.

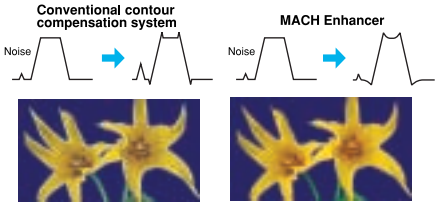
SD Panel

HD Panel

*The PV30 Series has 2 x HD inputs (1080i/576P).

Clear Details and Impressive Depth - MACH Enhancer

The appearance of an object as perceived by the human eye is influenced by the colours of the objects surrounding it. This phenomenon is known as the Mach Band Effect. Panasonic Mach Enhancer technology utilises the principles of the Mach Band Effect to enhance an object's contours in a way that best suits the way the human eye perceives them. Noise is minimal, so you get a more natural-looking image with clear details and impressive depth.



Sharp and Crisp Picture Detail - 3D Y/C Digital Comb Filter

The 3D Y/C Digital Comb Filter minimises distortions in video images which results in an improvement in gradation and S/N ratio, bringing greater clarity and beauty to regular TV programmes.

Analogue TV Viewing

The PV30 series contains a built-in analogue tuner, the same as a conventional television, thus allowing you to enjoy analogue television.

VIERA SOUND

Expansive, Cinemetic-Type Sound - Smart Sound Speaker System

The new smart Sound Speaker System features four 16-mm-widespeaker units arranged vertically on either side of the screen. Each speaker unit is remarkably slim, thanks to a new design in which a voice coil is formed in a planar configuration onto the diaphragm. With the speaker units surrounding the screen, the sound seems to pour out right from the centre of the picture. Dialogue and other sounds are clear and easy to hear. Bass sounds are robust too, thanks to two round woofer units at the screen bottom. The sound presence is further enhanced by a twin construction design that independently drives the left and right woofers to spatially expand the rich, well-balanced bass tones.

VIERA NETWORKING

Easy Playback of Snapshots - SD/PC Card Slots

VIERA features both an SD Memory Card slot and a PC card slot, giving you an easy way to enjoy large-screen viewing of still images from a digital camera or other memory card-equipped device. Photos can be viewed as a slide show or in photo-album format. You can also easily rotate images using the remote control.

VIERA DESIGN

Elegant Flowing design - Aero-Floating Silhouette

With its simple, linear flow and gracefully curved base, the brand-new cosmetic design combines with a lustrous pearl-silver finish to make VIERA a most pleasing addition to any room decor. Images seem to float in mid-air. A crystal-black panel mask helps make pictures stand out clear and sharp. The display stand, available as an option, appears to be integrated with the VIERA's body by a single metal sheet, creating a nicely composed, flowing impression.

VIERA USABILITY

Long Service Life of 60,000 Hours - Long-Life Panel

Panasonic plasma display panels boast a long service life of approximately 60,000 hours.* * The time until panel brightness is reduced to half its initial level. However, this time varies depending on the content of the images displayed and the usage environment. (The service life given above is intended as a guideline when displaying standard moving images).

Multiple-Source Entertainment on One Screen - Multi Window*

Panasonic plasma televisions let you view images from two different sources at the same time. Select either Picture-and-Picture mode (which shows the two images on separate halves of the screen), Picture-in-Picture mode, or Picture-out-Picture mode. *Not available in Progressive or High Definition modes.

Specifications

	TH-42PV30A
Screen Size	106 cm (42") diagonal
Screen Aspect	16 : 9 Wide
Number of Pixels	786,432 (1024 x 768)
Displayable Colours	1,070 million colours
Contrast Ratio	3000 : 1 (in dark surroundings)
Receiving System	World Multi 21-System
Audio Output	26 W (13 W x 2)
Speaker System	Woofer (80 mm round) x 2 (L, R); Tweeter (16 x 73 mm) x 8 (L, R)
SD/PC Card Slots	Yes
Terminals Front	S-Video In x 1, AV In x 1, PC In x 1, Headphone Jack x 1
Rear	Component Video In x 2, S-Video In x 1, AV In x 3, Monitor Out x 1, Audio Out x 1
Power Supply	AC 220 - 240 V, 50/60Hz
Power Consumption	398 W
Dimensions (W x H x D)	1140 x 757 x 99* mm
Weight	42.0 kg

*Measured at the panel section. 139mm for the maximum depth.

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